



# SAFETY DATA SHEET

## PROPIPHAR 25 EC

### 1. Identification of the substance/preparation and of the company/undertaking

**Product name** : PROPIPHAR 25 EC  
**Chemical product name** : Propiconazole 250 g/l  
**Formulation type** : EC  
**Product Code** : CA790031  
**CAS No.** : Mixture.  
**Product Use** : Agricultural industry.: Fungicide.  
**Manufacturer** : CHIMAC-AGRIPHAR SA  
26, rue de Renory  
B 4102 Ougrée  
Tel: +32(0)4 385.97.11  
Fax: +32(0)4 385.97.49  
**Distributor** : ADRIA NEW ZEALAND LTD  
PO BOX 535 KUMEU  
AUCKLAND  
Tel: 09-412-9817  
Fax: 09-412-9807  
**Emergency telephone number** : National Poisons Centre. Ph: 0800 POISON (0800 764 766)

### 2. Composition / information on ingredients

**Substance/Preparation** : Preparation

**Information on hazardous ingredients\***

Chemical Name	CAS No.	%	EC Number	Symbol	R-Phrases
1) Solvent.		50-60	Not available.	Xn, N	R51/53, R65, R66, R67
2) surfactant		5-10	Not available.	Xn, N	R10, R20/22, R36/38, R51/53
3) Propiconazole	60207-90-1	25-30	Not available.	Xn, N	R22, R51/53

### 3. Hazards identification

**Physical/Chemical Hazards** : Not applicable.  
**Human health hazards** : Harmful if ingested.  
Irritating to eyes and skin.  
May cause sensitization by skin contact.  
Harmful: may cause lung damage if swallowed.  
Repeated exposure may cause skin dryness or cracking.  
Vapors may cause drowsiness and dizziness.  
**Environmental Hazards** : Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

### 4. First-aid measures

**First-Aid measures**

**Inhalation** : If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.



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- Ingestion** : If swallowed, do NOT induce vomiting. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Aspiration hazard if swallowed- can enter lungs and cause damage. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention.
- Skin Contact** : In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Cover the irritated skin with an emollient. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.
- Eye Contact** : Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. WARM water MUST be used. Get medical attention.
- Effects and symptoms**
- Skin Contact** : Hazardous in case of skin contact (irritant, sensitizer). Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.
- Eye Contact** : Hazardous in case of eye contact (irritant).
- Aggravating conditions** : Repeated or prolonged exposure is not known to aggravate medical condition.

## 5. Fire-fighting measures

### Extinguishing Media

- Suitable** : SMALL FIRE: Use DRY chemical powder.  
LARGE FIRE: Use water spray, fog or foam. Do not use water jet.
- Hazardous thermal (de)composition products** : carbon oxides (CO, CO2) nitrogen oxides (NO, NO2...) halogenated compounds.
- Special fire-fighting procedures** : Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.
- Protection of fire-fighters** : Be sure to use an approved/certified respirator or equivalent.

## 6. Accidental release measures

- Personal precautions** : Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
- Environmental Precautions and Clean-up Methods** : Combustible material.  
Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

## 7. Handling and storage

- Handling** : Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapor/spray. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes.
- Storage** : Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).
- Packaging materials**
- Recommended use** : Use original container.



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### 8. Exposure controls/personal protection

<b>Engineering measures</b>	: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.
<b>Hygiene measures</b>	: Wash hands, forearms, and face thoroughly after handling compounds and before eating, smoking, using lavatory, and at the end of day.
<b>Occupational Exposure Limits</b>	: Not available.
<b>Personal protective equipment</b>	
<b>Respiratory system</b>	: Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate.
<b>Skin and body</b>	: Lab coat.
<b>Hands</b>	: Gloves.
<b>Eyes</b>	: Splash goggles.

### 9. Physical and chemical properties

<b>Physical state</b>	: Liquid.
<b>Color</b>	: Yellow or brown.
<b>Odor</b>	: Aromatic.
<b>Boiling Point</b>	: 95°C (203°F)
<b>Melting Point</b>	: <-10°C (14°F)
<b>Density</b>	: 0.975 g/cm <sup>3</sup> at 20°C (68°F)
<b>Evaporation rate (butyl acetate = 1)</b>	: 0.07 (Solvent.) compared to Butyl acetate.
<b>Solubility</b>	: See dispersion properties in water. Easily soluble in n-octanol, acetone.
<b>Octanol/water partition coefficient</b>	: The product is much more soluble in oil.
<b>pH</b>	: 7.05
<b>Flash point</b>	: CLOSED CUP: 63°C (145.4°F). (Pensky-Martens.)
<b>Fire Hazards in Presence of Various Substances</b>	: Flammable in presence of open flames and sparks, of heat.
<b>Autoignition temperature</b>	: The lowest known value is 410°C (770°F) (Solvent.).
<b>Explosive properties</b>	: Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.
<b>Lower explosion limit</b>	: The greatest known range is LOWER: 2.6% UPPER: 12.6% (Solvent.)

### 10. Stability and reactivity

<b>Stability</b>	: The product is stable.
<b>Conditions to avoid</b>	: exposure to heat (Solvent.)
<b>Materials to avoid</b>	: Slightly reactive to reactive with oxidizing agents, acids, alkalis.
<b>Hazardous Decomposition Products</b>	: carbon oxides (CO, CO <sub>2</sub> ) nitrogen oxides (NO, NO <sub>2</sub> ...) halogenated compounds.

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### 11. Toxicological information

#### Local effects

- Skin irritation** : Hazardous in case of skin contact (irritant).  
**Eye irritation** : Hazardous in case of eye contact (irritant).  
**Sensitization** : Hazardous in case of skin contact (sensitizer).

- Acute toxicity** : Acute oral toxicity (LD50): 1503 mg/kg [Rat].  
Acute dermal toxicity (LD50): >2000 mg/kg [Rat].  
Acute toxicity of the gas (LC50): >7.1 mg/l 4 hours [Rat].

- Chronic toxicity** : Repeated or prolonged exposure is not known to aggravate medical condition.

#### Specific effects

- Teratogenic effects** : Teratogenic NOAEL [50 ppm] [Propiconazole].

### 12. Ecological information

- Ecotoxicity** : - **Solvent.**:  
Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.-  
**Propiconazole:**  
5.3 mg/l, 96 hours [Fish].  
4.8 mg/l, 48 hours [Daphnia].  
0.02 mg/l, 72 hours [Algae].  
Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.
- Environmental Hazards** : Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

### 13. Disposal considerations

- Methods of disposal ; Waste of residues ; Contaminated packaging** : Waste must be disposed of in accordance with federal, state and local environmental control regulations.
- Waste Classification** : Not applicable.

### 14. Transport information

#### International transport regulations

- UN number** : 3082
- Land - Road/Railway**
- Proper shipping name** : Environmentally hazardous substance, liquid, n.o.s. (Solvent., Propiconazole)
- ADR/RID Class** : Class 9: Miscellaneous substances.
- Packing Group** : III
- Hazard Identification Number** : 90
- ADR/RID label** :



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### Sea

<b>Proper shipping name</b>	: Environmentally hazardous substance, liquid, n.o.s. (Solvent., Propiconazole)
<b>IMDG Class</b>	: Class 9: Miscellaneous substances. Marine pollutant
<b>IMDG Page Number</b>	: 9028
<b>Packing Group</b>	: III
<b>IMDG label</b>	:



<b>Marine Pollutant</b>	: IMDG Class: Marine Pollutant. (Pollutant.)
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### Air

<b>Proper shipping name</b>	: Environmentally hazardous substance, liquid, n.o.s. (Solvent.)
<b>UN/ID Number</b>	: 3082
<b>IATA-DGR Class</b>	: Class 9: Miscellaneous substances.

### Inland waterways

<b>Proper shipping name</b>	: Environmentally hazardous substance, liquid, n.o.s. (Solvent.)
<b>ADNR Classification</b>	: Class 9: Miscellaneous substances.
<b>UN/NA (Europe) ADN</b>	: 3082
<b>Packing Group</b>	: III
<b>ADNR label</b>	:



## 15. Regulatory information

### EU Regulations

**Hazard symbol(s)**



**Classification**

**Risk Phrases**

**Safety Phrases**

**Contains**

**Product Use**

- : Harmful, Dangerous for the environment
- : R22- Harmful if swallowed.
- : R36/38- Irritating to eyes and skin.
- : R43- May cause sensitization by skin contact.
- : R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- : R65- Harmful: may cause lung damage if swallowed.
- : R66- Repeated exposure may cause skin dryness or cracking.
- : R67- Vapors may cause drowsiness and dizziness.
- : S2- Keep out of the reach of children.
- : S24- Avoid contact with skin.
- : S37- Wear suitable gloves.
- : S46- If swallowed, seek medical advice immediately and show this container or label.
- : S51- Use only in well-ventilated areas.
- : S56- Dispose of this material and its container at hazardous or special waste collection point.
- : S64- If swallowed, rinse mouth with water (only if the person is conscious).
- : - Solvent.
- : - Propiconazole
- : Classification and labeling have been performed according to EU directives 67/548/EEC, 88/379/EEC including amendments and the intended use.
- : - Consumer applications.



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## 16. Other information

### HISTORY

**Date of printing** : 20/12/2000  
**Date of issue** : 20/12/2000.  
**Date of Previous Issue** : No Previous Validation  
**Version** : 1.01  
**Prepared by** : CHIMAC-AGRIPHAR

### Notice to Reader

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.*

*Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*

**Version** 1.01

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